



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 6, 2018

Jamie N. Venable
Regulatory Affairs Specialist
1110 Spartan Drive
Maumee, OH 43537

Subject: CSF Notification per PRN 98-10 – Add ABN and Alternate CSF 2
Product Name: DMQ
EPA Registration Number: 5741-20
Application Date: March 20, 2018
Decision Number: 539882 & 539886

Dear Ms. Venable:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The CSFs submitted with your application have been stamped “Notification” and placed in our files.

Please note that the record for this product currently contains the following CSFs:

- Basic CSF dated 11/29/2007
- Alternate CSF 1 dated 11/29/2007
- Alternate CSF 2 dated 03/28/2018

Any CSFs other than those listed above are superseded/no longer valid.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

The alternate brand name X-Effect has been added to the product record.

If you have any questions, please contact Mohammad Alavi at (703) 347-0522 or by email at Alavi.mohammad@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "E. Miederhoff".

Eric Miederhoff
Product Manager 31
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

Front Copy

DMQ®
(Damp Mop Neutral Disinfectant Cleaner)
(Non-Acid Disinfectant Bathroom Cleaner)
(Neutral Cleaner Disinfectant with Fresh Lavender Fragrance)
(text in parenthesis is optional)

[Alternate Brand Names]
NABC Concentrate
X-Effect

Clean on the Go® 1
For use only with Spartan Clean on the Go dispenser.

Non-alkaline disinfectant cleaner concentrate specially designed to clean and disinfect high gloss floors!
Non-acid disinfectant cleaner concentrate specially designed to clean and disinfect toilet bowls and restroom surfaces!

Sanitizer at 2 oz. per gallon.
30 Second Sanitizing Activity!
Sanitizes in 30 Seconds
Bactericide/Virucide*
Effective against Antibiotic-Resistant Bacteria**
Kills 99.9% of bacteria*** in 30 Seconds.

Kills Staphylococcus aureus and Salmonella enterica.
*Kills Hepatitis C Virus (HCV), Hepatitis B Virus (HBV), HIV-1 (AIDS Virus), Herpes simplex Virus Type 2 and Influenza A₃/Hong Kong viruses on hard, nonporous inanimate surfaces.
**Kills Staphylococcus aureus-MRSA and Enterococcus faecalis-VRE.
***Staphylococcus aureus and Enterobacter aerogenes

(Note to EPA, the following kill claim expression is optional:)

Kills Staphylococcus aureus (ATCC 6538) and Salmonella enterica (ATCC 10708).
*Kills Hepatitis C Virus (HCV), Hepatitis B Virus (HBV), HIV-1 (AIDS Virus), Herpes simplex Type 2 and Influenza A₃/Hong Kong viruses on hard, nonporous inanimate surfaces.
**Kills Staphylococcus aureus-MRSA (ATCC 33593) and Enterococcus faecalis-VRE (ATCC 51575).
***Staphylococcus aureus and Enterobacter aerogenes (ATCC 13048)

ACTIVE INGREDIENT:	
Alkyl (C ₁₄ -50%, C ₁₂ -40%, C ₁₆ -10%)	
dimethyl benzyl ammonium chlorides.....	4.50%
INERT INGREDIENTS:	95.50%
TOTAL:	100.00%

E.P.A. Reg. No. 5741-20 E.P.A. Est. No. 5741-OH-1

Keep Out of Reach of Children
DANGER
See side panel for additional precautionary statements.

FOR COMMERCIAL AND INDUSTRIAL USE
SPARTAN CHEMICAL COMPANY, INC., 1110 Spartan Drive, Maumee, Ohio 43537

NET CONTENTS:

NOTIFICATION

5741-20
The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:
08/06/2018

Back Side Copy

DMQ®
(Damp Mop Neutral Disinfectant Cleaner)
(Non-Acid Disinfectant Bathroom Cleaner)
(Neutral Cleaner Disinfectant with Fresh Lavender Fragrance)
(text in parenthesis is optional)

[Alternate Brand Names]
NABC Concentrate
X-Effect

DMQ retains the beauty of high gloss floors with the added effectiveness of a disinfectant!

Formulated for use in daily maintenance programs, (DMQ)(Product Name) is a proven one-step cleaner disinfectant in the presence of moderate amounts of organic soil.

This product [or product name] is a non-acid formulation designed to disinfect, sanitize, clean and deodorize [insert surfaces] [and]. This product [or product name] is for use [throughout] [the] [in] [and] [Insert use sites]

This product [or product name] is used to clean, disinfect, sanitize, and deodorize [Insert Surfaces] [throughout] [the] [in] [and] [Insert use sites]

This product [or product name] is a non-acid formulation designed to disinfect, sanitize, clean and deodorize [Insert Surfaces] [throughout] [the] [in] [and] [Insert use sites]

[Surfaces:]

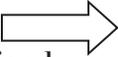
Countertops, floors, walls, glazed ceramic tile, glazed porcelain, shower walls, toilet bowls, urinals, chrome, shower curtains and doors, vanity tops, tub and sink surfaces and fixtures, bathtubs, showers, sinks, fiberglass, synthetic marble, stainless steel, glass, vinyl, other hard nonporous bathroom surfaces, other hard, non-porous environmental surfaces.

[Use Sites:]

Schools, public buildings, restaurants, bars, cafeterias, office buildings, transportation terminals, lodging/hospitality establishments, hotels, motels, churches, factories, manufacturing sites/facilities, food processing plants, apartment buildings, athletic/recreation facilities, public restrooms, homes, home, bathroom, bathrooms, restrooms.

(DMQ)(Product Name) provides 700 ppm of quaternary germicide at use-dilution.

(Note to EPA, the following phrases within brackets are optional)

[Reorder Point] 
[Reorder Information:]
[(Company name & address)]
[(Phone number)]
[(Website address)]

Directions for Use:

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Preliminary cleaning is required for heavily soiled areas.

One-Step Cleaning and Disinfecting Toilet Bowls and Urinals

1. Remove water from the bowl by forcing it over the trap with a swab mop.
2. Liberally apply (DMQ)(Product Name) at 2 oz. per gallon of water to the exposed surfaces. Swab the exposed surfaces including under the rim.
3. Allow (DMQ)(Product Name) to remain wet on surfaces for 10 minutes.
4. Flush toilet or urinal and rinse swab mop thoroughly.

One-Step Cleaning/Deodorizing/Disinfecting Hard, Non-Porous Surfaces:

For one-step cleaning, deodorizing, and disinfecting in the presence of 5% organic soil use (DMQ)(Product Name) at 2 oz. per gallon of water. Apply with a mop, cloth or coarse spray device. Treated surface must remain wet for 10 minutes. Allow to air dry or wipe off with a clean cloth or paper towel.

Cleaning, Sanitizing and Deodorizing Hard Non-Porous Surfaces:

Use (DMQ)(Product Name) at 2 oz. per gallon of water. Apply with a mop, cloth or coarse spray device. Treated surface must remain wet for 30 seconds. Wipe off with a clean cloth or allow to air dry. When used as directed for sanitization this product is effective against Staphylococcus aureus and Enterobacter aerogenes.

Prepare fresh solution daily or more often if solution becomes visibly dirty, diluted, or soiled. Rinsing of floors is not necessary except before application of a floor finish or polish.

Before using this product in food processing areas, all food products and packaging materials must be removed from the room or carefully protected. After use, all food contact surfaces must be thoroughly rinsed with potable water before reuse. Do not use this product to disinfect or clean utensils, glasses, dishes, or cookware.

*KILLS HCV, HBV AND HIV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Hepatitis C Virus (HCV), Hepatitis B Virus (HBV) and human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HCV, HBV AND HIV-1 ON SURFACES OR OBJECTS SOILED WITH BLOOD/BODY FLUIDS:

PERSONAL PROTECTION: Exposure to blood or body fluids must be avoided by use of barrier protection such as latex or other impervious gloves. Face shields and impervious gowns must also be worn if splashing of blood or body fluids may occur.

CLEANING PROCEDURES: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of (DMQ)(Product Name).

CONTACT TIME: Leave surfaces wet for 10 minutes.

DISPOSAL OF INFECTIOUS MATERIAL: Contaminated cleaning materials, blood and other body fluids must be autoclaved and/or disposed of according to local regulations for infectious waste disposal.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER. Corrosive. Causes irreversible eye damage. Harmful if absorbed through the skin. Harmful if swallowed. Do not get in eyes, skin or on clothing. Wear protective eye wear (goggles/face shield/safety glasses), rubber gloves and protective clothing. *After product is diluted in accordance with the directions for use, protective eye wear is not required.* Wash thoroughly with soap and water after handling and before eating, drinking, smoking tobacco, chewing gum, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

(NOTE TO EPA -The following text will be used on five gallon pails and larger containers only)

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

FIRST AID

If in eyes:	-Hold eye open and rinse slowly and gently with water for 15-20 minutes. -Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. -Call a poison control center or doctor for treatment advice.
If on skin:	-Take off contaminated clothing. -Rinse skin immediately with plenty of water for 15-20 minutes. -Call a poison control center or doctor for treatment advice.
If swallowed:	-Call a poison control center or doctor immediately for treatment advice. -Have person sip a glass of water if able to swallow. -Do not induce vomiting unless told to do so by a poison control center or doctor. -Do not give anything by mouth to an unconscious person.
24 HOUR MEDICAL EMERGENCY NUMBER: 888- 314-6171 Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
NOTE TO PHYSICIAN Probable mucosal damage may contraindicate the use of gastric lavage.	

(NOTE TO EPA -The following text will be used with packets containing 2 fl .oz or less of product)

DISPOSAL: Do not reuse empty packet. Discard in trash.

*(NOTE TO EPA –
The following text will be used on containers of 1 gallon or less which are unable to be rinsed.)*

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry area inaccessible to children.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Replace cap and discard in trash.

(NOTE TO EPA –

The following text will be used on containers of 5 gallons or less which are rinsable.)

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry area inaccessible to children.

Pesticide Disposal: Pesticide wastes may be hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Nonrefillable container. Do not reuse or refill container. Triple rinse as follows: Fill container ¼ full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

(NOTE TO EPA – The following text will be used on containers of 5 gallons or greater)

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry area inaccessible to children.

Pesticide Disposal: Pesticide wastes may be hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Nonrefillable container. Do not reuse or refill container. Triple rinse as follows: Fill container ¼ full with water. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn container over onto its other end and tip it back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill

SPARTAN CHEMICAL COMPANY, INC. 1110 Spartan Drive, Maumee, Ohio 43537
Questions? 800-537-8990/ www.spartanchemical.com

(Note to EPA: The following is an optional phrase)

Fax On Demand Material Safety Data Sheet: 888-383-4666, No. (XXXX)

Secondary Container Label for Diluted Product

DMQ®
(Damp Mop Neutral Disinfectant Cleaner)
(Non-Acid Disinfectant Bathroom Cleaner)
(Neutral Cleaner Disinfectant with Fresh Lavender Fragrance)
(text in parenthesis is optional)

[Alternate Brand Names]
NABC Concentrate
X-Effect

User Prepared Ready-To-Use Solution

E.P.A. Reg. No. 5741-20

ACTIVE INGREDIENT IN CONCENTRATED PRODUCT:

Alkyl (C₁₄-50%, C₁₂-40%, C₁₆-10%) dimethyl benzyl ammonium chlorides.... 4.50%

The product in this container is diluted as directed on the pesticide product label.
Follow the directions for use on the pesticide label when applying this product. The product in this container with pesticide is not for sale and is for storage and use.

(Optional phrases)
Read material safety data sheet before using.
See first aid statement on pesticide product label.

KEEP OUT OF REACH OF CHILDREN

Harmful if absorbed through the skin. Harmful if swallowed. Do not get in eyes, skin or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, smoking tobacco, chewing gum, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

MEDICAL EMERGENCY: 888-314-6171

SPARTAN CHEMICAL COMPANY, INC.
1110 Spartan Drive, Maumee, Ohio 43537
1-800-537-8990/ www.spartanchemical.com

(Packet Label -2 fl. oz. or less)

DMQ®
(Damp Mop Neutral Disinfectant Cleaner)
(Non-Acid Disinfectant Bathroom Cleaner)
(Neutral Cleaner Disinfectant with Fresh Lavender Fragrance)
(text in parenthesis is optional)

[Alternate Brand Names]
NABC Concentrate
X-Effect

Add contents of packet to XXX of water for a 1:64 dilution.

ACTIVE INGREDIENT:
Alkyl (C₁₄-50%, C₁₂-40%, C₁₆-10%) dimethyl benzyl ammonium chlorides..... 4.50%
INERT INGREDIENTS:95.50%
TOTAL:100.00%

Keep Out of Reach of Children
DANGER

EPA Reg. No. 5741-20 EPA Est. No. 5741-OH-1

SEE OUTER CONTAINER FOR PRECAUTIONARY STATEMENTS AND USE DIRECTIONS.

DISPOSAL: Do not reuse empty packet. Discard in trash.

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